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LIST OF ABBREVIATIONS

%	- percentage
°	- degree
A_s	- area of tension steel reinforcement
a_v	- level arm distance to shear force
b	- breadth of section
d	- effective depth of section to tension steel
f_{cu}	- characteristic compressive strength of concrete
f_y	- ultimate yield stress of steel
h	- depth of section
kg	- kilograms
kN	- kilo Newton
kNm	- kilo Newton meter
m	- meter
M	- bending moment
m^3	- meter cubes
milirad	- miliradian
mm	- millimeter
N/mm^2	- Newton per millimeter square
N_u	- horizontal force
ϕ	- rotation
rad	- radian
V	-shear force
v	- shear stress
v_c	- design concrete shear stress
V_u	- gravity load

Δ	- deflection
Δu	- ultimate deflection
Δy	- initial yield deflection
μm	- micrometer
ϕu	- ultimate rotation
ϕy	- initial yield rotation
π	- “pi”, mathematical constant equal to 3.141592654
Φ	- diameter